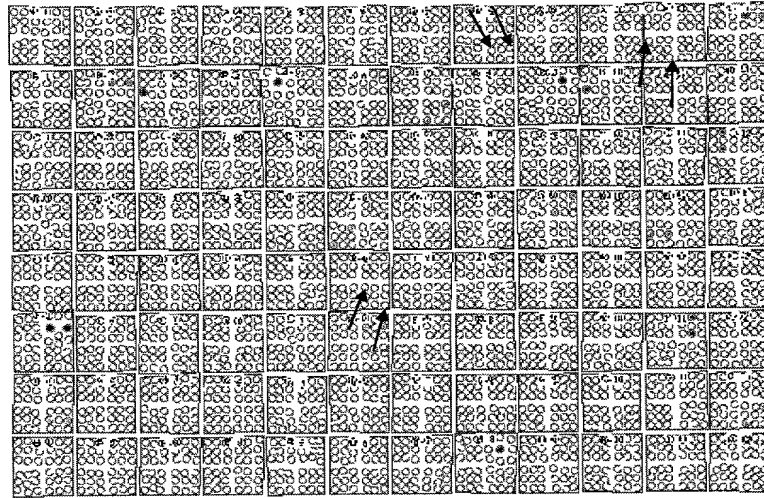


Figure 1

A



B

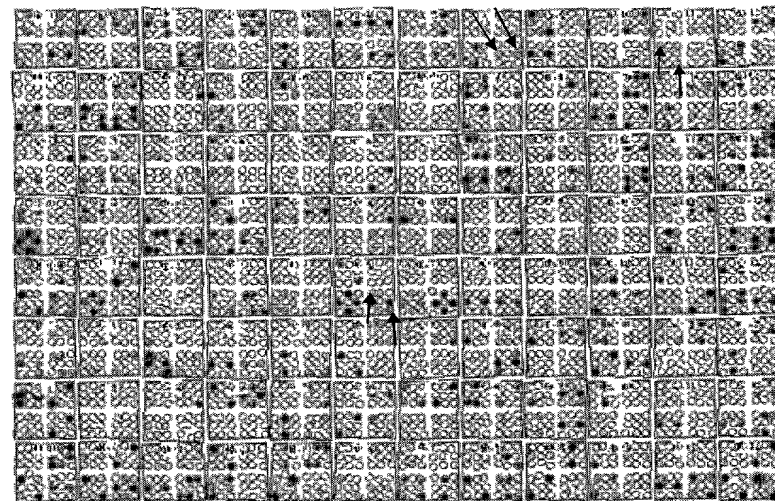


Figure 2

Differentially expressed genes	intact skin	wound	intact skin	wound
	control animals	control animals	dexamethasone	dexamethasone
SW1368	1,00	148,90	0,70	181,50
SW1695	1,00	0,24	0,94	0,61

Differentially expressed genes	intact skin	wound	intact skin	wound
	young mice	young mice	old mice	old mice
SW1368	1,20	170,70	0,80	204,60
SW1695	0,44	0,07	0,65	0,10

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Figure 3

Differentially expressed genes	intact skin	wound	intact skin	wound
	control mice	control mice	diabetic mice	diabetic mice
SW1368	1,00	561,60	2,20	284,40
SW1695	1,00	0,07	1,01	0,08

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Figure 4

No.	NAME	PROTEIN-MOUSE*	Seq ID No.	PROTEIN-HUMAN*	Seq ID No.	CDNA-MOUSE*	CDNA-HUMAN*
1.	SW1368	SEQ ID No. 1	1	SEQ ID No. 2	2	SEQ ID No. 5	SEQ ID No. 6
2.	SW1695	SEQ ID No. 3	3	SEQ ID No. 4	4	SEQ ID No. 7	SEQ ID No. 8

*: SEQ ID numbers of the sequence listing

Figure 5

1 MNOT-----LNSSGT-----VESALNYSRGSTVHTAYLVLSLAMFTCLCGMAGNSMV Hum_sw1368
 1 MGESNGEAFLAFKTSASPTAPVTTNPMDETLPGSINIRILIPKLMIIIFGLVGLMGNAIV Mouse_sw1368
 49 IWLLGFRMHRNPFCIYILNLAAADLLFLFS--MASTLSLETQPLVNTTDKVHEL-MKRLLM Hum_sw1368
 61 FWLLGFHLRRNAF SVYILNLALADFLFLISIIASTIFLLKVSYLSI---IFHLCFNTIM Mouse_sw1368
 106 YFAYTVGCLSLTATISTQRCLSVLFPPIWFKCHRPRHLSAWVCGLLWTLCLLMNGLTSSFCS Hum_sw1368
 118 MVVYITGISMISAISTECCLSVLCFTWYRCHRPVHTSTVMQAVIWWVLSLICIINSYFQA Mouse_sw1368
 166 KFI-KFNEDR-CFRVDMVQAALIMGVLT PVMTLSSLTTLFVWVRRSSQQWRRQPTRLFVVV Hum_sw1368
 178 VLHTRYDNNECLATNIFTASYMIFLIV-VLCLSSLALLARLFCGAGQ--MKLTRFHTI Mouse_sw1368
 224 LASVLVFLICSLPLSIYWFVLYWLSLPPEMQVL-----CFSLSRLSSSVSSSANPVIYFLV Hum_sw1368
 235 LTLVLVFLLCGLFVICYILIF--KIKDDFHVL DVNLYLALFVLTAINSCANPIIYFV Mouse_sw1368
 280 GSRRSRHLPTRS LGTVLQQALREEPE-----LEGGETPTVGTNEMG-----A Hum_sw1368
 292 GSR-HQLKHQT LKMVLQSAIQDTPE TAENMMVEMSSNKAEPPGGHVPYPYDVPDYA Mouse_sw1368

All boxed mouse sequences exactly match the human sequence Hum_sw1368.

Figure 6

1	MDPTTPAWGTESTTVNGNDQAALLLCCGKETLIPVFLILFIALVGLVGNQFVLWLLGFRMR	Hum_sw1695
1	MDIDISSLGIYIIAPNGSSYTNSVDQFFKIQVMGFISIIISPVGMVLNSTVLWFLGFIQIR	Mouse_sw1695
61	RNAFSVYVLSLAGADFLFLCFQIINCLVYLSNFFCSISINFPSFFTVMTCAYIAGLSMI	Hum_sw1695
61	RNAFSVYIINLAGADFLFLHSQF--LIFYILAIFFPSIPIQIHLFFDMMLTKFAYISGLSII	Mouse_sw1695
12	STVSTERCLSVLWPIWYRCRRPRHLSAVVCVLLWALSLLLSILEGKFCGFLFSDGDSGWC	Hum_sw1695
11	STISIERCICVMWPIWYRCQRPRHTSSVTQSLWALSLLIFALLDGMGCGLLFNSTFQSWC	Mouse_sw1695
18	QTFDFITAAWLIFFLMVLCGSSLALI-VRIICGSRGLPLTRLYLTILLTVLVFLICGLPF	Hum_sw1695
17	LKFDLIICAWSJVLFLVLCGSSIHPTCXRIFCGSQQIPLVTRLYVTIALTVISFIICQLPF	Mouse_sw1695
24	GIQWFLILWIWKDSDVLFCHIHVPVSVVLSLNSANPIIYFFVGSFRKQWRILQQPIILKLA	Hum_sw1695
23	GISW-IIQWSETLIYVGFDYFHEELFLSCINSCANPIIYFLVG-FIRQRKFQKSLKVL	Mouse_sw1695
30	LQRALQDIAEVDHSEGCFRQGTPEMSRSSLV	Hum_sw1695
29	LQRAMEPTPEEENEDMGPSRNPEEFETVCSN	Mouse_sw1695

All boxed mouse sequences exactly match the human sequence Hum_sw1695.

Figure 7

	intact skin	1 h wound	day-1 wound	day-5 wound	day-14 wound
Rel. human SW1368 Expression	1,00	1,79	1,82	1,59	5,21

Figure 8

Target gene	intact skin ulcer	wound edge of ulcer patients	wound ground of ulcer patients
human SW1368	1,00	0,00	1,74
human SW1695	1,00	0,00	0,00